

CLAIM AMENDMENTS:

Claims 1 and 2 (Canceled).

Claim 3 (Previously Presented): A consumable cartridge that is attachable to a mounting portion of a body of a color image forming apparatus and holds a predetermined color developer, comprising:

a recording device, storing first information on the consumable cartridge, the first information including at least color information of the color developer; and

a controller, transmitting the first information to the body of the image forming apparatus;

wherein said controller reads second information on the body from the image forming apparatus and determines based on the first information and second information whether the consumable cartridge has been misplaced on the mounting portion; and

wherein if said controller determines that the consumable cartridge has been misplaced, said controller indicates to an operator that the consumable cartridge has been misplaced.

Claim 4 (Currently Amended): The ~~consumable cartridge~~ color image forming apparatus according to Claim 4 9, wherein the consumable cartridge is attached to an image forming section of the image forming apparatus.

Claim 5 (Currently Amended): The ~~consumable cartridge~~ color image forming apparatus according to Claim 4 9, wherein the consumable cartridge is attached to a body of a process cartridge attached to the color image forming apparatus.

Claim 6 (Canceled).

Claim 7 (Currently Amended): ~~An~~ The color image forming apparatus incorporating the consumable cartridge according to Claim 4 9, wherein the apparatus receives the consumable cartridge in a consumable cartridge receiving portion.

Claim 8 (Canceled).

Claim 9 (New): A color image forming apparatus including a body, and a consumable cartridge that is attachable to a mounting portion in the body and that holds a predetermined color developer, wherein the consumable cartridge comprises:

a recording device that stores information on the consumable cartridge, the information including at least color information on the color developer;

a first controller that controls transmission of the information to the body of the image forming apparatus;

a first antenna, physically separated from the body and coupling the consumable cartridge to the body by electromagnetic induction;

wherein the body of the image forming apparatus comprises:

a read-and-write device, having a second antenna that is physically separated from the consumable cartridge and couples the body to the consumable cartridge by the electromagnetic induction, said read-and-write device reading the information stored in said recording device;

a second controller that outputs a signal that prevents printing when said second controller determines, based on the information, that the consumable cartridge is misplaced; and

and an informing section that indicates an abnormality when said second controller determines that the consumable cartridge is misplaced;

wherein the image forming apparatus communicates with the consumable cartridge through the first antenna and the second antenna so that electric power is supplied from the body to said recording device and said first controller through the first antenna and the second antenna and the information is transmitted through said first antenna and the second antenna.

Claim 10 (New): A color image forming apparatus including a body, and a consumable cartridge that is attachable to a mounting portion in the body and that holds a predetermined color developer, wherein the consumable cartridge comprises:

a recording device that stores a first item of information on the consumable cartridge, the first item of information including at least color information, the color information including image density, hue, and γ characteristics of the color developer;

a first controller that controls transmission of the first item of information to the body of the image forming apparatus;

a first antenna, physically separated from the body and coupling the consumable cartridge to the body by electromagnetic induction;

wherein the body of the image forming apparatus comprises:

a read-and-write device, reading the first item of information stored in said recording device and having a second antenna physically separated from the consumable cartridge and coupling the body to the consumable cartridge by the electromagnetic induction;

a transfer belt;

a detector that detects an image test pattern formed on said transfer belt;

a second controller that outputs a signal that prevents printing when said second controller detects an abnormality based on at least one of the first item of information and a second item of information on a color of the image test pattern;
and

an informing section that indicates the abnormality;

wherein the image forming apparatus communicates with the consumable cartridge through the first antenna and the second antenna so that electric power

is supplied from the body to said recording device and said first controller through the first antenna and the second antenna and the first item of information is transmitted through the first antenna and the second antenna.

Claim 11 (New): The color image forming apparatus according to Claim 10, wherein the consumable cartridge is attached to an image forming section of the image forming apparatus.

Claim 12 (New): The color image forming apparatus according to Claim 10, wherein the consumable cartridge is attached to a body of a process cartridge attached to the color image forming apparatus.

Claim 13 (New): The color image forming apparatus according to Claim 10, wherein the apparatus receives the consumable cartridge in a consumable cartridge receiving portion.